In the Claims

Claim 1-4 (canceled)

Claim 5 (previously presented): A sound signal analyzing device as recited in claim 22 wherein said setting section includes an operator operable by a user, and said setting section, in response to operation of the operator by the user, confirms the volume level of the sound signal displayed by said display section and thereby sets the threshold value.

Claims 6-21 (canceled)

Claim 22 (previously presented): A sound signal analyzing device comprising:

an input section that receives sound signals to be analyzed;

a characteristic extraction section that extracts a volume level of a sound signal as it is received by said input section;

a setting section that sets various parameters for use in subsequent analysis of sound signals received by said input section in accordance with the volume level of the sound signal extracted by said characteristic extraction section, including at least a threshold value; and

a display section that visually displays a current value of the volume level and the threshold value determined by an extracted value of the volume level in accordance with a predetermined criterion.

Claim 23 (previously presented): A sound signal analyzing device comprising:

an input section that receives sound signals to be analyzed;

a characteristic extraction section that extracts at least one of upper and lower pitch limits of a sound signal as it is received by said input section;

a setting section that sets various parameters for use in subsequent analysis of sound signals received by said input section in accordance with the pitch limits characteristics of the sound signal extracted by said characteristic extraction section, including at least a filter characteristic; and

a display section that visually displays the pitch limits characteristics.

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Claim 24 (previously presented): A sound signal analyzing method comprising the steps of:

receiving sound signals to be analyzed;

extracting a volume level of the sound signal as it is received by said step of receiving;

setting various parameters for use in subsequent analysis of sound signals received by said step of receiving in accordance with the volume level of the sound signal extracted by said step of extracting, including at least a threshold value; and

displaying a current value of the volume level and the threshold value determined by an extracted value of the volume level in accordance with a predetermined criterion.

Claim 25 (previously presnted): A sound signal analyzing method comprising the steps of:

receiving sound signals to be analyzed;

extracting at least one of upper and lower pitch limits characteristics of a sound signal as it is received by said step of receiving;

setting various parameters for use in subsequent analysis of sound signals received by said step of receiving in accordance with the pitch limits characteristics extracted by said step of extracting, including at least a filter characteristic; and

a display section that visually displays the pitch limits characteristics.

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Claim 26 (previously presented): A machine-readable medium containing a group of instructions of a sound signal analyzing program for execution by a computer, said sound signal analyzing program causing the computer to execute the steps of:

receiving sound signals to be analyzed;

extracting a volume level of a sound signal as it is received by said step of receiving;

setting various parameters for use in subsequent analysis of sound signals received by said step of receiving in accordance with the volume level of the sound signal extracted by said step of extracting, including at least a threshold value; and

displaying a current value of the volume level and the threshold value determined by an extracted value of the volume level in accordance with a predetermined criterion.

Claim 27 (previously presented): A machine-readable medium containing a group of instructions of a sound signal analyzing program for execution by a computer, said sound signal analyzing program causing the computer to execute the steps of:

receiving sound signals to be analyzed;

extracting at least one of upper and lower pitch limits of the sound signal as it is received by said step of receiving;

setting various parameters for use in subsequent analysis of sound signals received by said step of receiving in accordance with the pitch limits characteristics extracted by said step of extracting, including at least a filter characteristic; and

a display section that visually displays the pitch limits characteristics.

Claim 28 (canceled)